UNIVERSITY COLLEGE LONDON

University of London

EXAMINATION FOR INTERNAL STUDENTS

For the following qualifications :-

M.Sc.

Inf Science GS.3: Systems Management

COURSE CODE   :   **INSTGS.3**

DATE   :   **31-MAY-02**

TIME   :   **10.00**

TIME ALLOWED   :   **3 hours**

S.3: Systems management

Answer **THREE** questions.

1. Which is more important for the success of a system migration: good staff management or correct data conversion?

2. What range of contingencies is it possible to cover in a disaster plan? Outline the steps that it is feasible to take in relation to a library's or archive's computer system.

3. Describe the different types of virus you might find in an infected computer system, their basic functioning, and the mechanisms you might use to achieve a cure and prevent further infection.

4. What is the concept of 'balancing' in the context of dataflow diagramming, and why is it important? Draw and annotate simple context, first and (one) second level dataflow diagrams of any system with which you are familiar, using any recognized notation, showing one balanced and one imbalanced level, to illustrate this concept.

5. In systems analysis, what does the acronym PARIS mean? If you were to follow the PARIS model, what tasks would you typically undertake, and what methods and/or tools would you expect to use, in each of its phases?

6. Explain the role of a feasibility study in systems analysis. Describe the basic processes you might go through and elements you might include in producing such a document in a LIS context.

END OF PAPER